

I hereby certify that this correspondence (including materials identified herein as attached) is being deposited utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EV 23776572 US in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: June 3, 2003

Signature: 
(Richard Zimmermann)

Docket No.: 27866/34810
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Gray, et al.

Application No.: 09/509165

Group Art Unit: 1648

Filed: June 12, 2000

Examiner: Li, Bao Q.

For: Macrophage Derived Chemokine (MDC),
MDC Analogs, MDC Inhibitor Substances, and
Uses Thereof

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The Applicant requests that the Patent and Trademark Office consider the references listed on the attached PTO/SB/08 during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. A copy of each reference on PTO/SB/08 is attached.

This Information Disclosure Statement is filed after the mailing date of a first Office Action on the merits, but before either a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise would close prosecution. Accordingly, the fee of \$180.00 set forth in § 1.17(p) is enclosed.

This Information Disclosure Statement is not intended to be an admission that any particular document is "material" pursuant to 37 CFR 1.56, or is "prior art" for this invention.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 27866/34810. A duplicate copy of this paper is enclosed.

Dated: June 3, 2003

Respectfully submitted,

By 
David A. Gass
Registration No.: 38,153
MARSHALL, GERSTEIN & BORUN
233 S. Wacker Drive, Suite 6300
Sears Tower
Chicago, Illinois 60606-6357
(312) 474-6300
Attorneys for Applicant



PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/509165
Sheet	1	of	1	Filing Date	June 12, 2000
				First Named Inventor	Patrick W. Gray
				Art Unit	1648
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	27866/34810

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A16	US 2002/0055147 A1	05/09/2002	Li, et al.		
A17	US 2002/0098545 A1	07/25/2002	Li, et al.		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
B25	WO 01/32128 A3		05/10/2001	Ullrich, et al.	T ⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

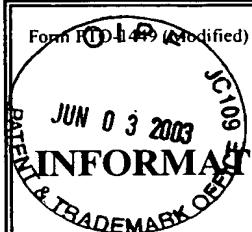
¹Applicant's unique citation designation number (optional). ²See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
--------------------	-----------------



U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.
27866/34810

Serial No.
09/509,165

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant
Gray, P.W. et al.

Filing Date
June 12, 2000

Group
1648

U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	A1	4,965,392	10/23/90	Fritzberg et al.	558	254	
	A2	5,013,739	05/07/91	Bihari et al.	514	282	
	A3	5,037,630	08/06/91	Fritzberg et al.	424	1.1	
	A4	5,179,078	01/12/93	Rollins et al.	514	2	
	A5	5,241,049	08/31/93	Goodman et al.	530	350	
	A6	5,278,287	01/11/94	Rollins et al.	530	351	
	A7	5,413,778	05/09/95	Kunkel et al.	424	1.41	
	A8	5,459,128	10/17/95	Rollins et al.	514	8	
	A9	5,688,927	11/18/97	Godiska et al.	530	388.23	
	A10	5,705,360	01/06/98	Rollins et al.	435	69.1	
	A11	5,932,703	08/03/99	Godiska et al.	530	351	
	A12	6,245,332	06/12/01	Butcher et al.	424	484.1	
	A13	6,265,184	07/24/01	Gray et al.	435	69.1	
	A14	6,268,477	07/31/01	Gray et al.	530	350	
	A15	6,320,023	11/20/01	Godiska et al.	530	324	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant Gray, P.W. et al.	
		Filing Date June 12, 2000	Group 1648

FOREIGN PATENT DOCUMENTS

*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
	B1	0 153 678	09/04/85	EPO				
	B2	0 310 136 A	04/05/89	EPO				
	B3	0 317 053	05/24/89	EPO				
	B4	0 462 960	12/27/91	EPO				
	B5	0 647 447	04/12/95	EPO				
	B6	0 666 257	08/09/95	EPO				
	B7	0 725 059	08/07/96	EPO				
	B8	0 860 446	08/26/98	EPO				
	B9	WO 89/01046	02/09/89	PCT				
	B10	WO 91/09955	07/11/91	PCT				
	B11	WO 92/20808	11/26/92	PCT				
	B12	WO 94/12650	06/09/94	PCT				
	B13	WO 95/13295	05/18/98	PCT				
	B14	WO 95/17092	06/29/95	PCT				
	B15	WO 96/23068	08/01/97	PCT				
	B16	WO 96/39521	12/12/96	PCT				
	B17	WO 96/40923	12/19/96	PCT				
	B18	WO 97/11969	04/03/97	PCT				
	B19	WO 97/29192	08/14/97	PCT				
	B20	WO 97/44055	11/27/97	PCT				

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>			Applicant Gray, P.W. et al.	Filing Date June 12, 2000

B21	WO 97/44462	11/27/97	PCT				
B22	WO 98/11226	03/19/98	PCT				
B23	WO 98/24907	06/11/98	PCT				
B24	WO 98/24908	06/11/98	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
C1	Aalbers et al., "Dynamics of Eosinophil Infiltration in the Bronchial Mucosa Before and After the Late Asthmatic Reaction," <i>Eur. Respir. J.</i> , 6:840 (1993).	
C2	Abi-Younes, S. et al., "The CC Chemokines MDC and TARC Induce Platelet Activation Via CCR4," <i>Thromb. Res.</i> 101(4): 279-89 (2001).	
C3	Adema, G.J. et al., "A Dendritic-cell-derived C-C Chemokine That Preferentially Attracts Naive T Cells," <i>Nature</i> , 387:713-717 (12 June 1997).	
C4	Adams, D.O., "The Granulomatous Inflammatory Response," <i>Am. J. Pathol.</i> , 84(1):164-191 (July, 1976).	
C5	Ahuja et al., "Molecular Evolution of the Human Interleukin-8 Receptor Gene Cluster," <i>Nature Genetics</i> , 2:31-36 (September, 1992).	
C6	Amakawa, R. et al., "Impaired Negative Selection of T cells in Hodgekins Disease Antigen CD30-Deficient Mice," <i>Cell</i> 84: 551-62 (1996).	
C7	Aujame, L. et al., "High Affinity Human Antibodies By Phage Display," <i>Human Antibodies</i> , 8(4):155-168 (1997).	
C8	Austrup, F., et al., "P-and E-selectin Mediate Recruitment of T-helper-1 But Not T-helper-2 Cells Into Inflamed Tissues," <i>Nature</i> 385, 81-83 (1997)	
C9	Baba, M. et al., "Identification of CCR6, the Specific Receptor for a Novel Lymphocyte-directed CC Chemokine LARC," <i>J. Biological Chemistry</i> , 272(23):14893-14898 (6 June 1997).	
C10	Baggioni et al., "CC Chemokines in Allergic Inflammation," <i>Immunol. Today</i> 15: 127 (1994).	

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
27866/34810Serial No.
09/509,165

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant
Gray, P.W. et al.Filing Date
June 12, 2000Group
1648

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

C11	Baggiolini <i>et al.</i> , "Interleukin-8 and Related Chemotactic Cytokines-CXC and CC Chemokines," <i>Advances in Immunology</i> , 55:97-179 (1994).
C12	Baggiolini, M. <i>et al.</i> , "HUMAN CHEMOKINES: An Update," <i>Annu. Rev. Immunol.</i> , 15:675-705 (1997).
C13	Baggiolini, M., <i>et al.</i> , "Chemokines and Leukocyte Traffic," <i>Nature (London)</i> , 392: 565-68 (1998).
C14	Bai <i>et al.</i> , "IL-10 Suppresses Experimental Autoimmune Neuritis and Down-regulates T _H 1-Type Immune Responses," <i>Clin. Immunol. Immunopathol.</i> , 83(2):117-126 (1997).
C15	Barker <i>et al.</i> , "Effects of T _H 1 and T _H 2 cytokines on CD8 ⁺ cell response against human immunodeficiency virus: Implications for long-term survival," <i>Proc. Natl. Acad. Sci., USA</i> , 92(24):11135-11139 (1995).
C16	Baumer <i>et al.</i> , "Th1/Th2 Cell Distribution in Pulmonary Sarcoidosis," <i>Am. J. Respir. Cell Mol. Biol.</i> , 16(2):171-177 (1997).
C17	Beck, L. A., <i>et al.</i> , "Cutaneous Injection of RANTES Causes Eosinophil Recruitment: Comparison of Nonallergic and Allergic Human Subjects," <i>J. Immunol.</i> , 159: 2962.
C18	Becker <i>et al.</i> , "Constitutive and Stimulated MCP-1, GRO α , β , and γ Expression in Human Airway Epithelium and Bronchoalveolar Macrophages," <i>Am. J. Physiol.</i> , 266:L278-L288 (1994).
C19	Ben-Baruch, A. <i>et al.</i> , "Monocyte Chemoattractant Protein-3 (MCP3) Interacts with Multiple Leukocyte Receptors," <i>J. Biological Chemistry</i> , 270(38):22123-22128 (22 September 1995).
C20	Berger <i>et al.</i> , "Distinct Antigen-induced Cytokine Pattern Upon Stimulation With Antibody-complexed Antigen Consistent With a Th1 \rightarrow Th2-shift," <i>Res. Virol.</i> , 147(2-3):103-108 (1996).
C21	Berin, M.C. <i>et al.</i> , "Production of MDC/CCL22 by Human Intestinal Epithelial Cells," <i>Am. J. Physiol. Gastrointest. Liver Physiol.</i> 280: G1217-G1226 (2001).

EXAMINER	DATE CONSIDERED

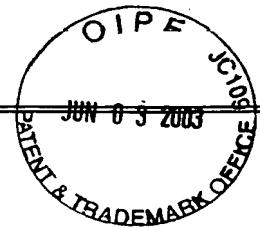
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27866/34810	Serial No. 09/509,165
 INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant Gray, P.W. et al.	
	Filing Date June 12, 2000	Group 1648	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
C22	Bertoletti <i>et al.</i> , "Different Cytokine Profiles of Intrahepatic T Cells in Chronic Hepatitis B and Hepatitis C Virus Infections," <i>Gastroenterol.</i> , 112(1):193-199 (1997).		
C23	Bleul, C.C <i>et al.</i> , "The Lymphocyte Chemoattractant SDF-1 Is a Ligand for LESTR/fusin and Blocks HIV-1 Entry," <i>Nature</i> , 382:829-833 (29 August 1996)		
C24	Bochner, B. S., <i>et al.</i> , "Adhesion of Human Basophils, Eosinophils, and Neutrophils to IT-1-Activated Human Vascular Endothelial Cells: Contributions of Endothelial Cell Adhesion Molecules," <i>J. Exp. Med.</i> 173: 1553 (1991)		
C25	Bombardier <i>et al.</i> , "Derivation of the SLEDAI: a Disease Activity Index for Lupus Patients," <i>Arthritis Rheum.</i> , 35:630-40 (1992).		
C26	Bonecchi, R. <i>et al.</i> , "Differential Expression of Chemokine Receptors and Chemotactic Responsiveness of Type 1 T Helper Cells (Th1s) and Th2s," <i>J. Exp. Med.</i> , 187(1):129-134 (5 January 1998).		
C27	Bowie <i>et al.</i> , "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions," <i>Science</i> , 247:1306-1310 (1990).		
C28	Brown <i>et al.</i> , "A Family of Small Inducible Proteins Secreted by Leukocytes are Members of a New Superfamily that Includes Leukocyte and Fibroblast-Derived Inflammatory Agents, Growth Factors, and Indicators of Various Activation Processes," <i>J. Immunol.</i> , 142(2):679-687 (January 15, 1989).		
C29	Brown, A.F., "Anaphylactic Shock: Mechanisms and Treatment," <i>J. Accid. Emerg. Med.</i> , 12(2):89-100 (1995).		
C30	Brüggemann, M. and Neuberger, "Strategies for expressing human antibody repertoires in transgenic mice," <i>Immunol. Today</i> , 17(8):391-397 (1996).		
C31	Brüggemann, M. and Taussig, "Production of human antibody repertoires in transgenic mice," <i>Current Opinion Biotechnology</i> , 8:455-458 (1997).		
C32	Carballido, J.M. <i>et al.</i> , "The Intensity of T Cell Receptor Engagement Determines the Cytokine Pattern of Human Allergen-specific T Helper Cells," <i>Eur. J. Immunol.</i> , 27(2):515-521 (1997).		

EXAMINER	DATE CONSIDERED
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
27866/34810Serial No.
09/509,165**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

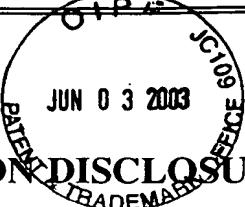
Applicant
Gray, P.W. et al.Filing Date
June 12, 2000Group
1648**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

C33	Cenci <i>et al.</i> , "T Helper Cell Type 1 (Th1)-and Th2-like Responses Are Present in Mice with Gastric Candidiasis but Protective Immunity Is Associated with Th1 Development," <i>J. Infect. Dis.</i> , 171(5):1279-1288 (1995).
C34	Chang <i>et al.</i> , "Cloning and expression of a γ -interferon-inducible gene in monocytes: a new member of a cytokine gene family," <i>International Immunology</i> , 1(4):388-397 (1989).
C35	Chang, M-S <i>et al.</i> , "Molecular Cloning and Functional Characterization of a Novel CC Chemokine, Stimulated T Cell Chemotactic Protein (STCP-1) That Specifically Acts on Activated T Lymphocytes," <i>J. Biological Chemistry</i> , 272(40):25229-25237 (1 October 1997).
C36	Chantry, D., <i>et al.</i> , "Profile of Human Macrophage Transcripts: Insights into Macrophage Biology and Identification of Novel Chemokines," <i>J. Leuk. Biol.</i> , 64(1):49-54 (1998).
C37	Chantry, D. <i>et al.</i> , "Macrophage-derived Chemokine is Localized to Thymic Medullary Epithelial Cells and is a Chemoattractant for CD3(+), CD4(+), CD8(low) Thymocytes, <i>Blood</i> , 94(6): 1890-98 (1999).
C38	Charo <i>et al.</i> , "Molecular Cloning and Functional Expression of Two Monocyte Chemoattractant Protein 1 Receptors Reveals Alternative Splicing of the Carboxyl-terminal Tails," <i>Proc. Nat'l. Acad. Sci., USA</i> , 91:2752-2756 (March, 1994).
C39	Chemokines, In R&D Systems 1995 catalog, R&D Systems, Minneapolis, MN, pp. 79-85.
C40	Cheung <i>et al.</i> , "Modulation of Lymphocyte Motility by Macrophages," <i>Cell. Immunol.</i> , 109(2):295-305 (1987).
C41	Clapham, P.R., "HIV and Chemokines: Ligands Sharing Cell Surface Receptors," <i>Trends in Cell Biol.</i> 7, 264-268 (1997)
C42	Clark-Lewis <i>et al.</i> , "Structure-Activity Relationships of Interleukin-8 Determined Using Chemically Synthesized Analogs," <i>J. Biol. Chem.</i> , 266(34):23128-23134 (December 5, 1991).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 27866/34810	Serial No. 09/509,165
 INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant Gray, P.W. et al.		
	Filing Date June 12, 2000	Group 1648		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)				
C43	Co, M.S. <i>et al.</i> , "Humanized antibodies for therapy," <i>Nature</i> , 351:501-502 (6 June 1991).			
C44	Cocchi <i>et al.</i> , "Identification of RANTES, MIP-1 α , and MIP-1 β as the Major HIV-Suppressive Factors Produced by CD8 $^{+}$ T Cells," <i>Science</i> , 270:1811-1815 (December 15, 1995).			
C45	Combadiere <i>et al.</i> , "Cloning and Functional Expression of a Human Eosinophil CC Chemokine Receptor," <i>J. Biol. Chem.</i> , 270(27):16491-16494 (July 14, 1995).			
C46	Corrigan <i>et al.</i> , "T-cell/eosinophil Interactions in the Induction of Asthma," <i>Eur. Respir. J. Suppl.</i> 22, 72s-78s (1996)			
C47	Cota, M. <i>et al.</i> , "Selective Inhibition of HIV Replication in Primary Macrophages but not T Lymphocytes by Macrophage-derived Chemokine," <i>PNAS</i> , 97(16): 9162-67.(2000)			
C48	Daikh <i>et al.</i> , J. Immunol., "Long-term Inhibition of Murine Lupus By Brief Simultaneous Blockade of the B7/CD28 and CD40/gp39 Costimulation Pathways," 159(7): 3104-08 (1997).			
C49	Daly <i>et al.</i> , "High Activity Suppression of Myeloid Progenitor Proliferation by Chimeric Mutants of Interleukin 8 and Platelet Factor 4," <i>J. Biol. Chem.</i> , 270(40):23282-23292 (October 6, 1995).			
C50	Danoff <i>et al.</i> , "Cloning, Genomic Organization, and Chromosomal Localization of the <i>Scya5</i> Gene Encoding the Murine Chemokine RANTES," <i>J. Immunol.</i> , 152:1182-1189 (1994).			
C51	Daugherty, B.L. <i>et al.</i> , "Cloning, Expression, and Characterization of the Human Eosinophil Eotaxin Receptor," <i>J. Exp. Med.</i> , 183:2349-2354 (May 1996).			
C52	Davis, C.B. <i>et al.</i> , "Signal Transduction Due to HIV-1 Envelope Interactions with Chemokine Receptors CXCR4 or CCR5," <i>J. Exp. Med.</i> , 186:1793-1798 (1997).			
C53	Dean, M. <i>et al.</i> , "Genetic Restriction of HIV-1 Infection and Progression to AIDS by a Deletion Allele of the <i>CKR5</i> Structural Gene," <i>Science</i> , 273:1856-1862 (27 September 1996).			

EXAMINER	DATE CONSIDERED
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant Gray, P.W. et al.		
		Filing Date June 12, 2000	Group 1648	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

C54	Decker <i>et al.</i> , "Surgical Stress Induces a Shift in the Type-1/type-2 T-helper Cell Balance, Suggesting Down-regulation of Cell-mediated and Up-regulation of Antibody-mediated Immunity Commensurate to the Trauma," <i>Surgery</i> , 119(3):316-325 (1996).
C55	Denholm <i>et al.</i> , "Secretion of Monocyte Chemotactic Activity by Alveolar Macrophages," <i>Amer. J. Pathol.</i> , 135(3):571-580 (September, 1989).
C56	Denholm and Lewis, "Monocyte Chemoattractants in Pigeon Aortic Atherosclerosis," <i>Amer. J. Pathol.</i> , 126:464-475 (1987).
C57	Denholm and Phan, "The Effects of Bleomycin on Alveolar Macrophage Growth Factor Secretion," <i>Amer. J. Pathol.</i> , 134(2):355-363 (February, 1989).
C58	Denholm and Stankus, "Differential Effects of Two Fluorescent Probes on Macrophage Migration as Assessed by Manual and Automated Methods," <i>Cytometry</i> , 19:366-369 (1995).
C59	Denholm and Stankus., "Changes in the Expression of MCP-1 Receptors on Monocyte THP-1 Cells Following Differentiation to Macrophages with Phorbol Myristate Acetate," <i>Cytokine</i> , 7(5):436-440 (July, 1995).
C60	Denizot <i>et al.</i> , "PAF-Acether and Acetylhydrolase in Stool of Patients with Crohn's Disease," <i>Digestive Diseases and Sciences</i> , 37(3):432-437 (1992).
C61	De Pitá <i>et al.</i> , "T-helper 2 Involvement in the Pathogenesis of Bullous Pemphigoid: Role of Soluble CD30 (sCD30)," <i>Arch. Dermatol. Res.</i> , 289(12):667-670 (1997).
C62	Deptia <i>et al.</i> , [needs title] <i>Arch. Dermatol Res.</i> , 289(12): 667-70 (1997).
C63	Devergne <i>et al.</i> , Production of the Rantes Chemokine by Macrophages and Endothelial Cells in Delayed-Type Hypersensitivity Reactions," <i>Challenges Mod. Med.</i> , 8:59-62 (1994).
C64	Devi <i>et al.</i> , "Biologic Activities of the Beta-chemokine TCA3 on Neutrophils and Macrophages," <i>J. Immunol.</i> , 154(10):5376-5383 (1995).
C65	Dijkstra <i>et al.</i> , "Multiple Sclerosis: Some Possible Therapeutic Opportunities," <i>Trends in Pharm. Rev.</i> , 14(4):124-128 (1993).

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)	JUN 03 2003 U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant Gray, P.W. et al.	
		Filing Date June 12, 2000	Group 1648

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
C66	Driscoll, K.E., "Macrophage Inflammatory Proteins: Biology and Role in Pulmonary Inflammation," <i>Exp. Lung Res.</i> , 20(6):473-490 (1994).		
C67	Dunlop et al., "Demonstration of Stem Cell Inhibition and Myeloprotective Effects of SCI/rhMIP1 α In Vivo," <i>Blood</i> , 79(9):2221-2225 (May 1, 1992).		
C68	Ebisawa, M. T., et al., "Eosinophil Transendothelial Migration Induced by Cytokines III. Effect of the Chemokine RANTES," <i>J. Immunol.</i> 153: 2153 (1994).		
C69	Elghazali et al., "Elevated Plasma Levels of IgE in Plasmodium Falciparum-primed Individuals Reflect an Increased Ratio of IL-4 to Interferon-gamma (IFN- γ)-producing Cells," <i>Clin. Exp. Immunol.</i> , 109(1):84-89 (1997).		
C70	Elstad et al., "Synthesis and Release of Platelet-Activating Factor by Stimulated Human Mononuclear Phagocytes," <i>J. Immunol.</i> , 140(5):1618-1624 (March 1, 1988).		
C71	Endres et al., "CD4 Independent Infection by HIV-2 Is Mediated By Fusin/CXCR4," <i>Cell</i> , 87, 745-756 (1996)		
C72	Falk and Leonard., "Specificity and Reversibility of Chemotactic Deactivation of Human Monocytes," <i>Infection and Immunity</i> , 32(2):464-468 (May, 1981).		
C73	Farzan, M. et al., "HIV-1 Entry and Macrophage Inflammatory Protein-1 β -mediated Signaling Are Independent Functions of the Chemokine Receptor CCR5*," <i>J. Biol. Chem.</i> , 272:6854-6857 (1997).		
C74	Fedderspiel, B. et al., "Molecular Cloning of the cDNA and Chromosomal Localization of the Gene for a Putative Seven-Transmembrane Segment (7-TMS) Receptor Isolated from Human Spleen," <i>Genomics</i> , 16:707-712 (1993).		
C75	Fidel et al., "Vaginal-Associated Immunity in Women with Recurrent Vulvovaginal Candidiasis: Evidence for Vaginal Th1-Type Responses Following Intravaginal Challenge with <i>Candida</i> Antigen," <i>J. Infect. Dis.</i> , 176(3):728-739 (1995).		
C76	Foote et al., "Antibody Framework Residues Affecting the Conformation of the Hypervariable Loops," <i>J. Mol. Biol.</i> , 224:487-499 (1992).		

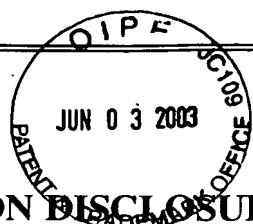
EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)	 U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>			Applicant Gray, P.W. et al.	Filing Date June 12, 2000

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)				
C77	Forssman <i>et al.</i> , "Eotaxin-2, a Novel CC Chemokine that is Selective for the Chemokine Receptor CCR3, and Acts Like Eotaxin on Human Eosinophil and Basophil Leukocytes," <i>J. Exp. Med.</i> , 185:2171(1997).			
C78	Frigas <i>et al.</i> , "The Eosinophil and the Pathophysiology of Asthma," <i>J. Allergy Clin. Immunol.</i> , 77:527 (1986).			
C79	Frömmel <i>et al.</i> , "An Estimate on the Effect of Point Mutation and Natural Selection on the Rate of Amino Acid Replacement in Proteins," <i>J. Mol. Evol.</i> , 21:233-257 (1985).			
C80	Furukawa <i>et al.</i> , "The Mechanism of Rabbit Platelet Aggregation Induced by 2,5-Di-(<i>tert</i> -butyl)-1,4-benzohydroquinone, an Inhibitor of Endoplasmic Reticulum Ca ²⁺ -ATPase," <i>Jpn. J. Pharmacol.</i> , 75(3):295-298 (1997).			
C81	Furakawa, <i>et al.</i> , [needs title] <i>Jpn. J. Pharmacol.</i> , 75(3):295-298 (1997).			
C82	Gallatin, W.M. <i>et al.</i> , "A cell-surface molecule involved in organ-specific homing of lymphocytes," <i>Nature</i> , 304:30-34 (1983).			
C83	Galli, C. <i>et al.</i> , "Macrophage-derived Chemokine Production by Activated Human T Cells in Vitro and In Vivo: Preferential Association with the Production of Type 2 Cytokines," <i>Eur. J. Immunol.</i> 30(1): 204-10 (2000).			
C84	Gallucci <i>et al.</i> , "Natural Adjuvants: Endogenous Activators of Dendritic Cells," <i>Nature Medicine</i> , 5(11):1249-1255 (1999).			
C85	Gao <i>et al.</i> , "Structure and Functional Expression of the Human Macrophage Inflammatory Protein 1 α /Rantes Receptor," <i>J. Exp. Med.</i> , 177:1421-1427 (May, 1993).			
C86	Garcia-Zepeda <i>et al.</i> , "Human Monocyte Chemoattractant Protein (MCP)-4 Is a Novel CC Chemokine With Activities on Monocytes, Eosinophils, and Basophils Induced in Allergic and Nonallergic Inflammation That Signals Through the CC Chemokine Receptors (CCR)-2 and -3," <i>J. Immunol.</i> , 157:5613-26 (1996).			

EXAMINER	DATE CONSIDERED
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.</small>	

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
27866/34810Serial No.
09/509,165**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant
Gray, P.W. et al.Filing Date
June 12, 2000Group
1648**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

C87	Garlisi et al., "T Cells Are Necessary For Th ₂ Cytokine Production and Eosinophil Accumulation in Airways of Antigen-Challenged Allergic Mice," <i>Clin. Immunol. Immunopathol.</i> , 75:75-83 (1995).
C88	Genbank D43767, "Molecular Cloning of a Novel T Cell-directed CC Chemokine Expressed in Thymus By Signal Sequence Trap Using Epstein-Barr Virus Vector," deposited by Imai, T et al., dated September 11, 1996.
C89	Genbank X85740, "Molecular Cloning and Functional Expression of a Novel CC Chemokine Receptor cDNA From a Human Basophilic Call Line," deposited by Power, C.A. et al., dated June 4, 1996.
C90	GenBank X90862, Molecular Cloning of Murine CC CKR-4 and High Affinity Binding of Chemokines to Murine and Human CC CKR-4 Deposited by Hoogewerf, A. J., dated August 16, 1995.
C91	Gerard et al., "Human Chemotaxis Receptor Genes Cluster at 19q13.3-13.4 Characterization of the Human C5a Receptor Gene," <i>Biochemistry</i> , 32:1243-1250 (1993).
C92	Ghia, P. et al., "Chemoattractants MDC and TARC are Secreted By Malignant B-cell Precursors Following CD40 Ligation and Support the Migration of Leukemia-Specific T Cells," <i>Blood</i> , 98: 533-40 (2001).
C93	Godiska, R. et al., "Human Macrophage-derived Chemokine (MDC), a Novel Chemoattractant for Monocytes, Monocyte-derived Dendritic Cells, and Natural Killer Cells," <i>J. Exp. Med.</i> , 185(9):1595-1604 (5 May 1997).
C94	Gray, "Inflammatory Bowel Disease," in <i>Scientific American Medicine</i> , Dale & Federman, (Eds.), New York, Scientific American , Inc., Vol. 1, Chapter 4, Part IV, pp. 10-16 (1991).
C95	Greiner et al., "Low-Grade B Cell Lymphomas of Mucosa-Associated Lymphoid Tissue (MALT-Type) Require CD40-Mediated Signaling and Th2-Type Cytokines for <i>in Vitro</i> Growth and Differentiation," <i>Am. J. Pathol.</i> , 150(5):1583-1593 (1997).
C96	Gruss, H. J. et al., "Pleiotropic Effects of CD30 Ligand on CD30-expressing Cells and Lymphoma Cell Lines," <i>Blood</i> 83: 2045-56 (1994).

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT		Applicant Gray, P.W. et al.	
(Use several sheets if necessary)		Filing Date June 12, 2000	Group 1648

JUN 03 2003
U. S. PATENT & TRADEMARK OFFICE
C109

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
C97	Handley <i>et al.</i> , "Platelet Activating Factor and Inflammation in Atherogenesis: Targets for Drug Development," <i>Drug Dev. Res.</i> , 7:361-375 (1986)	
C98	Harada <i>et al.</i> , "Essential Involvement of Interleukin-8 (IL-8) in acute inflammation," <i>J. Leukocyte Biology</i> , 56:559-564 (November, 1994).	
C99	Hayashi <i>et al.</i> , "Production and Function of Monocyte Chemoattractant Protein-1 and Other β-chemokine in Murine Glial Cells," <i>J. Neuroimmunol.</i> , 60(1-2):143-150 (1995).	
C100	Heath, H. <i>et al.</i> , "Chemokine Receptor Usage by Human Eosinophils—the Importance of CCR3 Demonstrated Using An Antagonistic Monoclonal Antibody," <i>J. Clin. Invest.</i> 99: 178.	
C101	Herault <i>et al.</i> , "Effect of SR121566A, a Patent GP IIb-IIIa Antagonist on Platelet-mediated Thrombin Generation In Vitro and In Vivo," <i>Thromb. Haemost.</i> 79(2):383-388 (1988).	
C102	Hieshima, K. <i>et al.</i> , "A Novel Human CC Chemokine PARC That Is Most Homologous to Macrophage-Inflammatory Protein-1α/LD78α and Chemotactic for T Lymphocytes, but Not for Monocytes," <i>J. Immunology</i> , 159:1140-1149 (1997).	
C103	Hoffman <i>et al.</i> , "Detection of platelet-activating factor in amniotic fluid of complicated pregnancies," <i>Am. J. Obstet Gynecol.</i> , 162(2):525-528 (1990).	
C104	Holmes <i>et al.</i> , Structure and Functional Expression of a Human Interleukin-8 Receptor," <i>Science</i> , 253:1278-1280 (September 13, 1991).	
C105	Holt, P.G., "Immunoregulation of the allergic reaction in the respiratory tract," <i>Eur. Respir. J. Suppl.</i> , 22:85s-89s (1996).	
C106	Hoogenboom, H.R., "Designing and optimizing library selection strategies for generating high-affinity antibodies," <i>TIBTECH</i> , 15:62-70 (1997).	
C107	Hoogewerf, A.J. <i>et al.</i> , "Molecular Cloning of Murine CC CKR-4 and High Affinity Binding of Chemokines to Murine and Human CC CKR-4," <i>Biochem. Biophys. Res. Comm.</i> , 218(1):337-343	

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	
JUN 03 2003 PATENT AND TRADEMARK OFFICE		Atty. Docket No. 27866/34810
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Serial No. 09/509,165
		Applicant Gray, P.W. et al.
		Filing Date June 12, 2000
		Group 1648

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
C108	Horuk <i>et al.</i> , "Purification, Receptor, Binding Analysis, and Biological Characterization of Human Melanoma Growth Stimulating Activity (MGSA)," <i>J. Biol. Chem.</i> , 268(1):541-546 (January 5, 1993).	
C109	Howard <i>et al.</i> , "Chemokines: Progress Toward Identifying Molecular Targets for Therapeutic Agents," <i>TIBTECH</i> , 14(2):46-51 (1996).	
C110	Hsieh <i>et al.</i> , "Increased Plasma Platelet-activating Factor in Children With Acute Asthmatic Attacks and Decreased <i>in Vivo</i> and <i>in Vitro</i> Production of Platelet-activating Factor After Immunotherapy," <i>J. Allergy Clin. Immunol.</i> , 91:650-657 (1993).	
C111	Hsueh, W. <i>et al.</i> , "Platelet-activating Factor, Tumor Necrosis Factor, Hypoxia and Necrotizing Enterocolitis," <i>Acta Pediat. Suppl.</i> , 396:11-17 (1994).	
C112	Huang <i>et al.</i> , "Th2 Responses Induce Humorally Mediated Injury in Experimental Anti-Glomerular Basement Membrane Glomerulonephritis," <i>J. Am. Soc. Nephrol.</i> , 8(7):1101-1108 (1997).	
C113	Hussell <i>et al.</i> , "CD8 ⁺ T Cells Control Th2-driven Pathology During Pulmonary Respiratory Syncytial Virus Infection," <i>Eur. J. / Immunol.</i> , 27(12):3341-3349 (1997).	
C114	Imai, T. <i>et al.</i> , "Molecular Cloning of a Novel T Cell-directed CC Chemokine Expressed in Thymus by Signal Sequence Trap Using Epstein-Barr Virus Vector," <i>Journal of Biological Chemistry</i> , 271(35):21514-21521 (30 August 1996).	
C115	Imai, T. <i>et al.</i> , "The T Cell-directed CC Chemokine TARC Is a Highly Specific Biological Ligand for CC Chemokine Receptor 4," <i>Journal of Biological Chemistry</i> , 272(23):15036-15036 (6 June 1997).	
C116	Imai, T. <i>et al.</i> , "Identification and Molecular Characterization of Fractalkine Receptor CX ₃ CR1, which Mediates Both Leukocyte Migration and Adhesion," <i>Cell</i> , 91:521-530 (14 November 1997).	
C117	Imai, T. <i>et al.</i> , "Macrophage-derived Chemokine (MDC) is a Functional Ligand for the CC Chemokine Receptor CCR4," <i>J. Biological Chemistry</i> , 273(3):1764-68 (1998).	

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
27866/34810Serial No.
09/509,165

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant
Gray, P. W. et al.Filing Date
June 12, 2000Group
1648

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

C118	Imai, T. et al., "Selective Recruitment of CCR4-bearing Th2 Cells Toward Antigen-Presenting Cells by the CC Chemokines Thymus and Activation-regulated Chemokine and Macrophage-derived Chemokine," <i>Int. Immunol.</i> 11(1): 81-88 (1999).
C119	Inngjerden, M. et al., "Human NK Cells Express CC Chemokine Receptors 4 and 8 and Respond to Thymus and Activation-regulated Chemokine, Macrophage-derived Chemokine and I-309," <i>J. Immunol.</i> 164(8): 4048-54 (2000).
C120	"In Vitro Assays of Lymphocyte Functions," in <i>Current Protocols Immunology</i> , Sections 3-4, Wiley and Sons (1992).
C121	Jason et al., "Evidence for a Shift from a Type I Lymphocyte Pattern with HIV Disease Progression," <i>J. Acquir. Immune Defic. Syndrome Retrovirol.</i> , 10(4):471-476 (1995).
C122	Jeske et al., "Effect of Glycoprotein Iib/IIIa Antagonists on the HIT Serum Induced Activation of Platelets," <i>Thromb. Res.</i> , 88(3):271-281 (1997).
C123	Johansen et al., "Vaccination Promotes TH1-like Inflammation and Survival in Chronic <i>Pseudomonas aeruginosa</i> Pneumonia. A New Prophylactic Principle," <i>Behring Inst. Mitt.</i> , 98:269-273 (1997).
C124	Jones, P.T. et al., "Replacing the Complementarity-determining Regions in a Human Antibody With Those From a Mouse," <i>Nature</i> , 321:522-525 (1986).
C125	Kald et al., "Release of Platelet-Activating Factor in Acute Experimental Pancreatitis," <i>Pancreas</i> , 8(4):440-442 (1993).
C126	Kanazawa, N., et al., "Fractalkine and Macrophage-derived Chemokine: T Cell-Attracting Chemokines Expressed in T Cell Area Dendritic Cells," <i>Eur. J. Immunol.</i> 29(6): 1925-32 (1999).
C127	Karban et al., "TH1/TH2 Cytokine Profile In Celiac Disease," <i>Isr. J. Med. Sci.</i> , 33(3):209-214 (1997).
C128	Katou, F. et al., "Macrophage-derived Chemokine (MDC/CCL22) and CCR4 are involved in the formation of T lymphocyte-dendritic cell clusters in Human Inflamed Skin and Secondary Lymphoid Tissue," <i>Am. J. Pathol.</i> 158(4): 1243-70 (2001).

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 (Modified)

JUN 03 2003

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
27866/34810Serial No.
09/509,165

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant
Gray, P.W. et al.Filing Date
June 12, 2000Group
1648

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	C129	Kelly, M.D. et al., "Cutting Edge: Dichotomous Effects of β -Chemokines on HIV Replication in Monocytes and Monocyte-Derived Macrophages," <i>J. Immunol.</i> , 160:3091-3095 (1998).
	C130	Kelner, G.S. et al., "Lymphotactin: A Cytokine That Represents a New Class of Chemokine," <i>Science</i> , 266:1395-1399 (25 November 1994).
	C131	Kelvin et al., "Chemokines and Serpentine Receptors," <i>J. Leukocyte Biology</i> , 54:604-612 (December, 1993).
	C132	Kenney et al., "Splenic Cytokine Responses in Indian Kala-Azar Before and After Treatment," <i>J. Infect. Dis.</i> , 177:815-819 (1998).
	C133	Kettleborough et al., "Humanization of a Mouse Monoclonal Antibody by CDR-grafting: The Importance of Framework Residues on Loop Conformation," <i>Protein Engin.</i> , 4:773-783 (1991).
	C134	Khar et al., "AK-5 Tumor-induced Modulation of Host Immune Function: Upregulation of Th-1-type Cytokine Response Mediates Early Tumor Regression," <i>Cytokines Mol. Ther.</i> , 2(1):39-46 (1996).
	C135	Kikuchi, T. And Crystal, R. G., "Antigen-pulsed Dendritic Cells Expressing Macrophage-derived Chemokine Elicit Th2 Responses and Promote Specific Humoral Immunity," <i>J. Clin. Invest.</i> , 108: 917-27 (2001).
	C136	Kitching et al., "Interleukin-4 Deficiency Enhances Th1 Responses and Crescentic Glomerulonephritis in Mice," <i>Kidney Int.</i> , 53(1):112-118 (1998).
	C137	Klein, L. et al., "CD4 T Cell Tolerance to Human C-reactive Protein, an Inducible Serum Protein, is Mediated by Medullary Thymic Epithelium," <i>J. Exp. Med.</i> 188(1): 5-16 (1998).
	C138	Kowalska, M.A. et al., "Stromal Cell-derived factor-1 and Macrophage-derived Chemokine: 2 Chemokines that Activate Platelets," <i>Blood</i> , 96(1): 50-57. (2000)
	C139	Krishnan et al., "T Helper 1 Response Against <i>Leishmania major</i> in Pregnant C57BL/6 Mice Increases Implantation Failure and Fetal Resorptions," <i>J. Immunol.</i> , 156(2):653-662 (1996).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>			Applicant Gray, P.W. et al.	
			Filing Date June 12, 2000	Group 1648

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
C140	Kuby J., (Ed.), <i>Immunology</i> , W.H. Freeman and Co., New York, New York, pp. 304-306, 420-425, 488-490, 495-497, and 499-500 (1992).		
C141	Kuna et al., "RANTES, a Monocyte and T Lymphocyte Chemotactic Cytokine Releases Histamine from Human Basophils," <i>J. Immunology</i> , 149(2):636-642 (July 15, 1992).		
C142	Kunkel et al., "Th1 and Th2 Responses Regulate Experimental Lung Granuloma Development," <i>Sarcoidosis Vasc. Diffuse Lung Dis.</i> , 13:120-128 (1996).		
C143	Laning et al., "Inhibition of In Vivo Tumor Growth by the β Chemokine, TCA3," <i>J. Immunology</i> , 153:4625-4635 (1994).		
C144	Li et al., "In Vivo Alterations in Cytokine Production following Interleukin-12 (IL-12) and Anti-IL-4 Antibody Treatment of CB6F1 Mice with Chronic Cutaneous Leishmaniasis," <i>Infect. Immunol.</i> , 64:5248-5254 (1996).		
C145	Liang et al., "Measurement of Systemic Lupus Erythematosus Activity in Clinical Research," <i>Arthritis Rheum.</i> , 31: 817-825 (1988).		
C146	Linder, M.E. et al., "G Proteins," <i>Scientific American</i> , 267:56-65 (July 1992).		
C147	Lindsberg et al., "Platelet-activating Factor in Stroke and Brain Injury," <i>Stroke</i> , 21:1452-1457 (1990).		
C148	Lindsberg et al., "Evidence for Platelet-Activating Factor as a Novel Mediator in Experimental Stroke in Rabbits," <i>Ann. Neurol.</i> , 30(2):117-129 (1991).		
C149	Lloyd, C. M. et al. "CC Chemokine Receptor (CCR)3/Eotaxin Is Followed By CCR4/Monocyte-derived Chemokine in Mediating Pulmonary T Helper Lymphocyte Type 2 Recruitment After Serial Antigen Challenge In Vivo," <i>J. Exp. Med.</i> 191(2): 265-73 (2000).		
C150	Luo et al., Biologic Activities of the Murine β -Chemokine TCA3," <i>J. Immunology</i> , 153:4616-4624 (1994)..		
C151	Luster, A.D. et al., "The IP-10 Chemokine Binds to a Specific Cell Surface Heparan Sulfate Site Shared with Platelet Factor 4 and Inhibits Endothelial Cell Proliferation," <i>J. Exp. Med.</i> , 182:219-231 (July 1995).		

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)	JUN 03 2003	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT		Applicant Gray, P.W. et al.		
(Use several sheets if necessary)		Filing Date June 12, 2000	Group 1648	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
C152	MacGlashan, D.W., Jr., and Guo, C.-B., "Oscillations in Free Cytosolic Calcium During IgE-mediated Stimulation Distinguish Human Basophils from Human Mast Cells," <i>J. Immunol.</i> 147: 2259 (1991).		
C153	Maggi E. et al., "Ability of HIV to Promote a T _H 1 to T _H 0 Shift and to Replicate Preferentially in T _H 2 and T _H 0 Cells," <i>Science</i> , 265:244-248 (1994).		
C154	Maggi et al., CD8+ T Lymphocytes Producing Th2-type Cytokines (Tc2) in HIV-infected Individuals," <i>J. Biol. Regul. Homeost. Agents</i> , 9(3):78-81 (1995).		
C155	Major et al., "Oxidized LDL Selectively Potentiates LPS-Induced Chemokine mRNA Expression in Murine Peritoneal Macrophages," Thirty-first National Meeting of the Society for Leukocyte Biology on Host Defense Against Infections and Cancer, Marco Island, Florida, USA, September 13-16, 1995. <i>Journal of Leukocyte Biology</i> , 0(Supplement):14 (1995) (ABSTRACT 47).		
C156	Malden et al., "The Influence of Oxidatively Modified Low Density Lipoproteins on Expression of Platelet-derived Growth Factor by Human Monocyte-derived Macrophages," <i>J. Biol. Chem.</i> , 266(21):13901-13907 (July 25, 1991).		
C157	Mantovani, A. et al., "Macrophage-derived Chemokine (MDC)," <i>J. Leukoc. Biol.</i> 68(3): 400-4 (2000).		
C158	Matsukawa, A. et al., "Pivotal Role of the CC Chemokine, Macrophage-Derived Chemokine, in the Innate Immune Response, <i>J. Immunol.</i> , 164(10):5362-8 (2000).		
C159	Matsumoto et al., "Platelet-Activating Factor in Broncholaveolar Lavage Fluid of Patients with Adult Respiratory Distress Syndrome," <i>Clin. Exp. Pharmacol. Physiol.</i> , 19:509-515 (1992).		
C160	Matsumoto, K. et al., "Induction of Apoptosis in Human Eosinophils by Anti-fas Antibody Treatment in Vitro," <i>Blood</i> , 86: 1437 (1995).		
C161	Matsushima et al., "Purification and Characterization of a Novel Monocyte Chemotactic and Activating Factor Produced by a Human Myelomonocytic Cell Line," <i>J. Exp. Med.</i> , 169:1485-1490 (April, 1989).		

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)

JUN 03 2003

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
27866/34810Serial No.
09/509,165**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant
Gray, P.W. et al.Filing Date
June 12, 2000Group
1648**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

C162	Matsuzaki <i>et al.</i> , "PAF Acetylhydrolase Activities in Human Systemic Lupus Erythematosus and Lupus-prone Mice," <i>Clinica Chimica Acta</i> , 210:139-144 (1992).
C163	Maze <i>et al.</i> , "Myelosuppressive Effects <i>in Vivo</i> of Purified Recombinant Murine Macrophage Inflammatory Protein-1 α ," <i>J. Immunol.</i> , 149(3):1004-1009 (August 1, 1992).
C164	McColl, S., <i>et al.</i> "Uncoupling of Early Signal Transduction Events From Effector Function in Human Peripheral Blood Neutrophils in Response to Recombinant Macrophage Inflammatory Proteins-1 Alpha and -1 Beta," <i>J. Immunol.</i> 150: 4550 (1993).
C165	McCune <i>et al.</i> , "The SCID-hu Mouse: A Small Animal Model for HIV Infection and Antiviral Testing," in <i>Progress in Immunol.</i> , Vol. VII, Melchers <i>et al.</i> (Eds.), Springer-Verlag Berlin-Heidelberg, pp. 1046-1049 (1989).
C166	McCune <i>et al.</i> , "The Hematophatology of HIV-1 Disease: Experimental Analysis <i>In Vivo</i> ," in <i>Human Hematopoiesis in SCID Mice</i> , M Roncarlo <i>et al.</i> , (Eds.), Landes Publishing Co., New York New York, pp. 129-156 (1995).
C167	Meurer <i>et al.</i> "Formation of Eosinophilic and Monocytic Intradermal Inflammatory Sites in the Dog by Injection of Human RANTES but not Human Monocyte Chemottractant Protein 1, Human Macrophage Inflammatory Protein 1 α , or Human Interleukin 8," <i>J. Exp. Med.</i> , 178: 1913-1921 (December, 1993)
C168	Mezzano <i>et al.</i> , "Detection of Platelet-Activating Factor in Plasma of Patients with Streptococcal Nephritis ¹ ," <i>J. Am. Soc. Nephrol.</i> , 4:235-242 (1993).
C169	Middleton, J. <i>et al.</i> , "Transcytosis and Surface Presentation of IL-8 by Venular Endothelial Cells," <i>Cell</i> : 385-95 (1997).
C170	Miller <i>et al.</i> , "A Novel Polypeptide Secreted by Activated Human T Lymphocytes," <i>J. Immunology</i> , 143(9):2907-2916 (November 1, 1989).
C171	Miossec, P., "Th1Th2 Cytokine Balance in Arthritis," <i>Arthritis Rheum.</i> , 40(12):2105-2115 (1997).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)	JUN 03 2003	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT		Applicant Gray, P.W. et al.		
(Use several sheets if necessary)		Filing Date June 12, 2000	Group 1648	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)				
C172	Moore, J.P., "Coreceptors: Implications for HIV Pathogenesis and Therapy," <i>Science</i> , 276:51-52 (4 April 1997).			
C173	Morrison and Oi, "Genetically Engineered Antibody Molecules," <i>Adv. Immunol.</i> , 44:65-92 (1989).			
C174	Moser et al., "Chronic <i>Pseudomonas aeruginosa</i> lung infection is more severe in Th ₂ responding BALB/c mice compared to Th ₁ responding C3H/HeN mice," <i>APMIS</i> , 105(11):838-842 (1997).			
C175	Mosmann et al., "The Expanding Universe of T-cell Subsets: Th1, Th2 and More," <i>Immunol. Today</i> , 17:138-146 (1996).			
C176	Müller, F. et al., "Enhanced Interleukin-10 Production in Response to Mycobacterium avium Products in Mononuclear Cells from Patients with Human Immunodeficiency Virus Infection," <i>Journal Infectious Diseases</i> , 177:586-594 (1998).			
C177	Murphy et al., "Cloning of Complementary DNA Encoding a Functional Human Interleukin-8 Receptor," <i>Science</i> , 253:1280-1283 (September 13, 1991).			
C178	Murphy, P.M., "Chemokine Receptors: Structure, Function and Role in Microbial Pathogenesis," <i>Cytokine Growth Factor Rev.</i> , 7: 47 (1996).			
C179	Nagira et al., "Molecular Cloning of a Novel Human CC Chemokine Secondary Lymphoid-Tissue Chemokine That Is a Potent Chemoattractant for Lymphocytes and Mapped to Chromosome 9p13*," <i>J. Biol. Chem.</i> , 272:19518-19524 (1997).			
C180	Nakamura T. et al., "Roles of IL-4 and IFN-γ in Stabilizing the T Helper Cell Type 1 and 2 Phenotype," <i>J. Immunol.</i> , 158(6):2648-2653 (1997).			
C181	Nakao et al., "Structures of Human Genes Coding for Cytokine LD78 and Their Expression," <i>Mol. Cell. Biol.</i> , 10(7):3646-3658 (July, 1990).			

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)

JUN 03 2003

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
27866/34810Serial No.
09/509,165**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant
Gray, P.W. et al.Filing Date
June 12, 2000Group
1648**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

C182	Nakogawa <i>et al.</i> , "Cytokine-Induced Neutrophil Chemoattractant (CINC)-2 α , a Novel Member of Rat G RO/CINCs, Is a Predominant Chemokine Produced by Lipopolysaccharide-Stimulated Rat Macrophages in Culture," <i>Biochem. Biophys. Res. Commun.</i> , 220(3):945-948 (1996).
C183	Napolitano, M. <i>et al.</i> , "Molecular Cloning of <i>TER1</i> , a Chemokine Receptor-Like Gene Expressed by Lymphoid Tissues," <i>Journal of Immunology</i> , 157:2759-2763 (1996).
C184	Neote <i>et al.</i> , Molecular Cloning, Functional Expression, and Signaling Characteristics of a C-C Chemokine Receptor," <i>Cell</i> , 72:415-425 (February 12, 1993).
C185	Ngo <i>et al.</i> , "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , K. Merz, Jr. and S. Le Grand, Editors, Birkhäuser Boston, pp. 433 and 492-495 (1994).
C186	Nomiyama, H. <i>et al.</i> , "Assignment of the Human CC Chemokine Gene TARC (SCYA17) to Chromosome 16q13," <i>Genomics</i> , 40:211-213 (1997).
C187	Nomura, H. <i>et al.</i> "Molecular cloning of cDNAs encoding a LD78 receptor and putative leukocyte chemotactic peptide receptors," <i>International Immunology</i> , 5(10):1239-1249 (1993).
C188	Oberlin E. <i>et al.</i> , "The CXC chemokine SDF-1 is the ligand for LESTR/fusin and prevents infection by T-cell-line-adapted HIV-1," <i>Nature</i> , 382:833-835 (29 August 1996).
C189	Oravecz <i>et al.</i> , "Regulation of the Receptor Specificity and Function of the Chemokine RANTES (Regulated on Activation, Normal T Cell Expressed and Secreted) by Dipeptidyl Peptidase IV (CD26)-mediated Cleavage," <i>J. Exp. Med.</i> , 186:1865-1872 (1997).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant Gray, P. W. et al.		
	Filing Date June 12, 2000		Group 1648	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

C190	Padlan, E.A., "A Possible Procedure for Reducing the Immunogenicity of Antibody Variable Domains While Preserving Their Ligand-binding Properties," <i>Molecular Immunology</i> , 28(4/5):489-498 (1991).
C191	Paganelli <i>et al.</i> , "Th2-type Cytokines, Hypereosinophilia, and Interleukin-5 in HIV Disease," <i>Allergy</i> , 52(1):110-111 (1997).
C192	Pal, R. <i>et al.</i> , "Inhibition of HIV-1 Infection by the β -Chemokine MDC," <i>Science</i> , 278:695-698 (24 October 1997).
C193	Panina-Bordignon, P. <i>et al.</i> , "The C-C Chemokine Receptors CCR4 and CCR8 Identify Airway T Cells of Allergen-Challenged Atopic Asthmatics," <i>J. Clin. Invest.</i> 107(11): 1357-64 (2001).
C194	Pellegrini <i>et al.</i> , "Disregulation in TH1 and TH2 Subsets of CD4+ T Cells in Peripheral Blood of Colorectal Cancer Patients and Onvolvement in Cancer Establishment and Progression," <i>Cancer Immunol., Immunother.</i> , 42(1):1-8 (1996).
C195	Peri <i>et al.</i> , "A new monoclonal antibody (5D3-F7) which recognizes human monocyte-chemotactic protein-1 but not related chemokines. Development of a sandwich ELISA and in situ detection of producing cells," <i>J. Immunological Methods</i> , 174:249-257 (1994).
C196	Perussia <i>et al.</i> , "Terminal Differentiation Surface Antigens of Myelomonocytic Cells are Expressed in Human Promyelocytic Leukemia Cells (HL60) treated with Chemical Inducers," <i>Blood</i> , 58(4):836-843 (October, 1981).
C197	Pettoello-Mantovani <i>et al.</i> , "thy/liv-SCID-hu Mice: A System for Investigating the In Vivo Effects of Multidrug therapy on Plasma Viremia and Human Immunodeficiency Virus Replication in Lymphoid Tissues," <i>J. Infect. Diseases</i> , 177: 337 (1998)
C198	Phan <i>et al.</i> , "Fibrotic Mechanisms in Lung Disease," in <i>Immunology of Inflammation</i> , Chapter 4, Elsiever, pp. 121-162 (1983)
C199	Phan and Fantome, "Inhibition of Bleomycin-induced Pulmonary Fibrosis By Lipopolysaccharide," <i>Lab. Invest.</i> , 50(5): 587-591 (May, 1984)

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)	JUN 03 2003 U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>			Applicant Gray, P.W. et al.	
	Filing Date June 12, 2000		Group 1648	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)				
C200	Picker et al., "Physiological and Molecular Mechanisms of Lymphocyte Homing," <i>Annu. Rev. Immunol.</i> , 10:561-591 (1992).			
C201	Ponath et al., "Cloning of the Human Eosinophil Chemoattractant, Eotaxin-Expression, Receptor Binding, and Functional Properties Suggest a Mechanism for the Selective Recruitment of Eosinophils," <i>J. Clin. Invest.</i> , 97:604-612 (1996).			
C202	Ponath et al., "Molecular Cloning and Characterization of a Human Eotaxin Receptor Expressed Selectively on Eosinophils," <i>J. Exp. Med.</i> 183: 2437 (1996).			
C203	Ponath, P.D. et al., "Molecular Cloning and Characterization of a Human Eotaxin Receptor Expressed Selectively on Eosinophils," <i>J. Exp. Med.</i> , 183:2437-2448 (June 1996).			
C204	Pope et al., "Resistance of Naive Mice to Murine Hepatitis Virus Strain 3 Requires Development of a Th1, but not a Th2, Response, Whereas Pre-Existing Antibody Partially Protects Against Primary Infection ¹ ," <i>J. Immunol.</i> , 156(9):3342-3349 (1996).			
C205	Power et al., "Molecular Cloning and Functional Expression of a Novel CC Chemokine Receptor cDNA from a Human Basophil Cell Line," <i>J. Biol. Chem.</i> , 270(33):19495-19500 (August 18, 1995).			
C206	Price et al., "Expression, Purification, Characterization, of Recombinant Murine Granulocyte-macrophage Colony-stimulating Factor and Bovine Interleukin-2 From Yeast," <i>Gene</i> , 55:287-293 (1987).			
C207	Proost et al., "Amino-terminal Truncation of Chemokines by CD26/Dipeptidyl-peptidase IV," <i>J. Biol. Chem.</i> , 273(13):7222-7227 (1998).			
C208	Proost et al., "Truncation of Macrophage-Derived Chemokine by CD26/Dipeptidyl-Peptidase IV Beyond Its Predicted Cleavage Site Affects Chemotactic Activity and CC Chemokine Receptor 4 Interaction," <i>J. Biol. Chem.</i> , 274(7): 3988-93 (1999).			

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)

JUN 03 2003

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
27866/34810Serial No.
09/509,165**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant
Gray, P.W. et al.Filing Date
June 12, 2000Group
1648**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

C209	Proudfoot <i>et al.</i> , "Extension of Recombinant Human RANTES by the Retention of the Initiating Methionine Produces a Potent Antagonist*", <i>J. Biol. Chem.</i> , 271:2599-2603 (1996).
C210	Punt, J. A. <i>et al.</i> , "T Cell Receptor (TCR) Induced Death of Immature CD4+CD8+ Thymocytes by Two Distinct Mechanisms Differing in Their Requirements for CD28 Co-stimulation: Implications for Negative Selection in the Thymus," <i>J. Exp. Med.</i> 186: 1911-22 (1997).
C211	Rabinovichi <i>et al.</i> , "Platelet Activating Factor Mediates Interleukin-2-induced Lung Injury in the Rat," <i>J. Clin. Invest.</i> , 89:1669-1673 (1992).
C212	Rabinovichi <i>et al.</i> , "ARDS-like lung injury produced by endotoxin in platelet-activating factor-primed rats," <i>J. Appl. Physiol.</i> , 74(4):1791-1802 (1993).
C213	Rader, C. <i>et al.</i> , "Phage display of combinatorial antibody libraries," <i>Current Opinion Biotechnology</i> , 8:503-508 (1997).
C214	Raport <i>et al.</i> , "The Orphan G-Protein-Coupled Receptor-Encoding Gene V28 is Closely Related to Genes for Chemokine Receptors and is Expressed in Lymphoid and Neural Tissues," <i>Gene</i> , 163:295-299 (1995).
C215	Raport, C.J., <i>et al.</i> , "Molecular Cloning and Functional Characterization of a Novel Human CC Chemokine Receptor (CCR5) for RANTES, MIP-1 β , and MIP-1 α ," <i>J. Biological Chemistry</i> , 271(29):17161-17166 (19 July 1996).
C216	Reeves, J.D. <i>et al.</i> , "CD4-Independent Infection by HIV-2 (ROD/B): Use of the 7-Transmembrane Receptors CXCR-4, CCR-3 and V28 for Entry," <i>Virology</i> , 231:130-134 (1997).
C217	Ribeiro <i>et al.</i> , "Partial Characterization of the RNA From LPS-stimulated Macrophages That Induces the Release of Chemotactic Cytokines by Resident Macrophages," <i>Mol. Cell. Biochem.</i> , 148(2):105-113 (1995).
C218	Riechmann <i>et al.</i> , "Reshaping Human Antibodies for Therapy," <i>Nature</i> , 332:323-327 (1988).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant Gray, P.W. et al.		
		Filing Date June 12, 2000	Group 1648	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
C219	Robey, E. and Fowlkes, B. J., "Selective Events in T cell development," <i>Ann. Rev. Immunol.</i> 12:675-705 (1994).	
C220	Rodriguez-Roisin et al., "Platelet-activating Factor Causes Ventilation-Perfusion Mismatch in Humans," <i>J. Clin. Invest.</i> , 93:188-194 (1994).	
C221	Roederer et al., "HIV Does Not Replicate in Naive CD4T Cells Stimulated with CD3/CD28," <i>J. Clin. Invest.</i> , 99(7):1555-1564 (1997).	
C222	Romagnani et al. , "An Alternative View of the Th1/Th2 Switch Hypothesis in HIV Infection", <i>AIDS Res. Hum. Retroviruses</i> , 10: iii-ix (1994).	
C223	Romagnani, P., et al., "High CD30 Ligand Expression by Epithelial Cells and Hassal's Corpuscles in the Medulla of Human Thymus," <i>Blood</i> , 91: 3323-32 (1998).	
C224	Rook et al., "Gulf War syndrome: is it due to a systemic shift in cytokine balance towards a Th2 profile?," <i>Lancet</i> , 349(9068):1831-1833 (1997).	
C225	Roos, R.S. et al., "Identification of CCR8, the Receptor for the Human CC Chemokine I-309," <i>The Journal of Biological Chemistry</i> , 272(28):17251-17254 (1997).	
C226	Ryan et al., " <i>Bordetella pertussis</i> Respiratory Infection in Children Is Associated with Preferential Activation of Type 1 T Helper Cells," <i>J. Infect. Dis.</i> , 175(5):1246-1250 (1997).	
C227	Sallusto, F. et al. "Selective Expression of the Eotaxin Receptor CCR3 by Human T Helper 2 Cells," <i>Science</i> 277: 2005 (1997).	
C228	Sambrook et al., <i>Molecular Cloning: A Laboratory Manual</i> , Cold Spring Harbor Laboratory, Cold Spring Harbor, New York, pp. 1.74-1.84, 1.90-1.104, 6.1-6.35, and Chapter 15 (1989).	
C229	Samson, M. et al., "Molecular Cloning and Chromosomal Mapping of a Novel Human Gene, ChemR1, Expressed in T Lymphocytes and Polymorphonuclear Cells and Encoding a Putative Chemokine Receptor," <i>Eur. J. Immunol.</i> , 26:3021-3028 (1996).	

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant Gray, P.W. et al.		
	Filing Date June 12, 2000			Group 1648

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)				
C230	Samson <i>et al.</i> , "Molecular Cloning and Functional Expression of a New Human CC-Chemokine Receptor Gene," <i>Biochemistry</i> , 35:3362-3367 (1996).			
C231	Sarris <i>et al.</i> , "Human Interferon-inducible Protein 10: Expression and Purification of Recombinant Protein Demonstrate Inhibition of Early Human Hematopoietic Progenitors," <i>J. Exp. Med.</i> , 178:1127-1132 (September, 1993).			
C232	Satoh <i>et al.</i> , "Platelet-Activating Factor Acetylhydrolase in Plasma Lipoproteins From Patients With Ischemic Stroke," <i>Stroke</i> , 23:1090-1092 (1992).			
C233	Schall <i>et al.</i> , "A Human T Cell Specific Molecules a Member of a New Gene Family," <i>J. Immunology</i> , 141(3):1018-1025 (August 1, 1988).			
C234	Schall, T. J. <i>et al.</i> , "Chemokines, Leukocyte Trafficking, and Inflammation," <i>Current Opinion in Immunology</i> , 6:865-873 (1994).			
C235	Simmons G. <i>et al.</i> , "Potent Inhibition of HIV-1 Infectivity in Macrophages and Lymphocytes by a Novel CCR5 Antagonist," <i>Science</i> , 276(5310): 276-279 (11 April 1997).			
C236	Smith, M. W. <i>et al.</i> , "Contrasting Genetic Influence of CCR2 and CCR5 Variants on HIV-1 Infection and Disease Progression," <i>Science</i> , 277:959-965 (15 August 1997).			
C237	Sozzani, S. <i>et al.</i> , "Receptor Expression and Responsiveness of Human Dendritic Cells to a Defined Set of CC and CXC Chemokines," <i>J. Immunol.</i> 159: 1993 (1997).			
C238	Sprent, J. <i>et al.</i> , "T Cell Selection in the Thymus," <i>Immunol. Rev.</i> 101: 173-90 (1988).			
C239	Springer, "Traffic Signals for Lymphocyte Recirculation and Leukocyte Emigration: The Multistep Paradigm," <i>Cell</i> , 76:301-314 (January 28, 1994).			
C240	Spruance <i>et al.</i> , "Th1/Th2-like Immunity and Resistance to Herpes Simplex Labialis," <i>Antiviral Res.</i> , 28(1):39-55 (1995).			
C241	Stafforini <i>et al.</i> , "Human Macrophages Secrete Platelet-activating Factor Acetylhydrolase," <i>J. Biol. Chem.</i> , 265(17):9682-9687 (June 15, 1990).			

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
27866/34810Serial No.
09/509,165**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant
Gray, P.W. et al.Filing Date
June 12, 2000Group
1648**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

C242	Stanciu et al., "Increased Levels of IL-4 in CD8+ T Cells in Atopic Asthma," <i>J. Allergy Clin. Immunol.</i> , 100(3):373-378 (1997).
C243	Staton, G.W. Jr. et al., "II ASTHMA," <i>14 Resp. Scientific American, Inc.</i> , pp.1-20 (March 1997).
C244	Steinman, R.M. , "The Dendritic Cell System and Its Role In Immunogenicity ¹ ," <i>Annu. Rev. Immunol.</i> , 9:271-296 (1991).
C245	Stellato et al., "Production of the Novel C-C Chemokine MCP-4 By Airway Cells and Comparison of Its Biological Activity to Other C-C Chemokines," <i>J. Clin. Invest.</i> , 99: 926 (1997).
C246	Stenberg et al., "Structural Analysis of the Major Immediate Early Gene of Human Cytomegalovirus," <i>J. Virology</i> , 49(1):190-199 (January, 1984).
C247	Surh, C. D. and Sprent, J., "T-cell Apoptosis Detected <i>in Situ</i> During Positive and Negative Selection in the Thymus," <i>Nature</i> 372: 100-103 (1994).
C248	Swanborg et al., "Experimental Autoimmune Encephalomyelitis in Rodents as a Model for Human Demyelinating Disease," <i>Clin. Immunol. Pathol.</i> 77(1):4-13 (1995).
C249	Szabo et al., "Chemokine Class Differences in Binding to the Duffy Antigen-Erythrocyte Chemokine Receptor," <i>J. Biol. Chem.</i> , 270(43):25348-25351 (1995).
C250	Tanaka, Y., et al., "T-cell Adhesion Induced by Proteoglycan-immobilized cytokine MIP-1 beta," <i>Nature</i> 361: 79-82 (1993).
C251	Tang, L. H. and Cyster, J. G., "Chemokine Up-Regulation and Activated T Cell Attraction by Maturing Dendritic Cells," <i>Science</i> , 284: 819-22 (1999).
C252	Taub et al., "Chemokines, Inflammation, and the Immune System," <i>Therapeutic Immunology</i> , 1:229-246 (1994).
C253	Taylor, M.L. et al., "Monocyte-derived Chemokine (MDC) Induces Human Eosinophil (EOS) Chemotaxis (CTX) and Shape Change in a CCR3-independent Manner," (Bruce Brodnur's Abstract) AAAA1 (November 1998) (<i>ABSTRACT</i>).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant Gray, P.W. et al.		
		Filing Date June 12, 2000	Group 1648	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
C254	Tempest <i>et al.</i> , "Reshaping A Human Monoclonal Antibody To Inhibit Human Respiratory Syncytial Virus Infection <i>In Vivo</i> , <i>Bio/Technology</i> , 9:266-271 (1991).	
C255	Tiffany, H.L. <i>et al.</i> , "Identification of CCR8: A Human Monocyte and Thymus Receptor for the CC Chemokine I-309," <i>Journal of Experimental Medicine</i> , 186(1):165-170 (7 July 1997).	
C256	Tjoelker <i>et al.</i> , "Anti-inflammatory Properties of a Platelet Activating Factor Acetylhydrolase," <i>Nature</i> , 374:549-553 (April 6, 1995).	
C257	Tomioka, K., <i>et al.</i> , "GM-CSF Regulates Human Eosinophil Responses to F-Met Peptide and Platelet Activating Factor," <i>J. Immunol.</i> 151: 4989 (1993).	
C258	Tuschil <i>et al.</i> , "Interleukin-8 Stimulates Calcium Transients and Promotes Epidermal Cell Proliferation," <i>J. Invest. Dermatol.</i> , 99:294-298 (1992).	
C259	Uccini, S., <i>et al.</i> , "Kaposi's Sarcoma Cells Express the Macrophage Associated Antigen Mannose Receptor and Develop in Peripheral Blood Cultures of Kaposi's Sarcoma Patients," <i>Am. J. Pathol.</i> 150: 929-38 (1997).	
C260	Uguzzoni, M. <i>et al.</i> , "Monocyte Chemotactic Protein 4 (MCP-4), a Novel Structural and Functional Analogue of MCP-3 and Eotaxin," <i>J. Exp. Med.</i> 183: 2379 (1996).	
C261	Uguzzoni, M. <i>et al.</i> , "High Expression of the Chemokine Receptor CCR3 in Human Blood Basophils—Role in Activation by Eotaxin, MCP-4, and other Chemokines," <i>J. Clin. Invest.</i> 100: 1137 (1997).	
C262	Umetsu, D.T. <i>et al.</i> , "Th1 and Th2 CD4+ Cells in the Pathogenesis of Allergic Diseases," <i>Proc. Soc. Exp. Biol. Med.</i> , 215:11-20 (1997).	
C263	Van Damme <i>et al.</i> , "Structural and Functional Identification of Two Human, Tumor-derived Monocyte Chemotactic Proteins (MCP-2 and MCP-3) Belonging to the Chemokine Family," <i>J. Exp. Med.</i> , 176:59-65 (July, 1992).	

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
27866/34810Serial No.
09/509,165**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant
Gray, P.W. et al.Filing Date
June 12, 2000Group
1648**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

C264	Van Kimmenade <i>et al.</i> , "Expression, Renaturation and Purification of Recombinant Human Interleukin 4 From <i>Escherichia Coli</i> ," <i>Eur. J. Biochem.</i> , 173:109-114 (1988).
C265	Van Roon <i>et al.</i> , "Decrease in Peripheral Type 1 Over Type 2 T Cell Cytokine Production in Patients With Rheumatoid Arthritis Correlates With an Increase in Severity of Disease," <i>Ann. Rheum. Dis.</i> , 56(11):656-660 (1997).
C266	Van Snick, J., <i>et al.</i> , "I-309/T Cell Activation Gene-3 Chemokine Protects Murine T cell Lymphomas Against Dexamethason Induced Apoptosis," <i>J. Immunol.</i> 157: 25750-76 (1996).
C267	Verhoeven, M. <i>et al.</i> , "Reshaping Human Antibodies: Grafting an Antilysozyme Activity," <i>Science</i> , 239:1534-1536 (1988).
C268	Vicari, A. P., "TECK: a Novel CC Chemokine Specifically Expressed by Thymic Dendritic Cells and Potentially Involved in T cell Development," <i>Immunity</i> , 7: 291-301 (1997).
C269	von Boehmer, H., "T-cell development: Is Notch a key player in lineage decisions?" <i>Current Biology</i> , 7:R308-R310 (1997).
C270	Watanabe <i>et al.</i> , "Pharmacological Analysis of Neutrophil Chemotactic Factor Production by Leucocytes and Roles of PAF in Allergic Inflammation in Rats," <i>Br. J. Pharmacol.</i> , 111:123-130 (1994).
C271	Weber <i>et al.</i> , "Monocyte Chemotactic Protein MCP-2 Activates Human Basophil and Eosinophil Leukocytes Similar to MCP-3," <i>J. Immunology</i> , 154:4166-4172 (1995).
C272	Weissman, D. <i>et al.</i> , "Macrophage Tropic HIV and SIV Envelope Proteins Induce a Signal Through the CCR5 Chemokine Receptor," <i>Nature</i> , 389:981-985 (1997).
C273	Wells <i>et al.</i> , "Selectivity and Antagonism of Chemokine Receptors," <i>J. Leukocyte Biology</i> , 59:53-60 (January, 1996).

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 27866/34810	Serial No. 09/509,165
			Applicant Gray, P.W. et al.	
			Filing Date June 12, 2000	Group 1648
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

C274	White <i>et al.</i> , "Cloning and Functional Characterization of a Novel Human CC Chemokine that Binds to the CCR3 Receptor and Activates Human Eosinophils," <i>J. Leukoc. Biol.</i> 62: 667 (1997).
C275	Wilson <i>et al.</i> , "Expression and Characterization of TCA3: A Murine Inflammatory Protein," <i>J. Immunology</i> , 145(8):2745-2750 (October 15, 1990).
C276	Windhagen <i>et al.</i> , "Role of Th1 and Th2 Cells in Neurologic Disorders," <i>Chem. Immunol.</i> , 63:171-186 (1996).
C277	Winkler, C. <i>et al.</i> , "Genetic Restriction of AIDS Pathogenesis by an SDF-1 Chemokine Gene Variant," <i>Science</i> , 279:389-393 (16 January 1998).
C278	Winter, G. <i>et al.</i> , "Antibody-based Therapy: Humanized antibodies," <i>TiPS</i> , 14:139-143 (May 1993).
C279	Wofsy, D. and Seaman, W.E., "Reversal of Advanced Murine Lupus in NZB/NZW F1 Mice By Treatment With Monoclonal Antibody to L3T4," <i>J. Immunol.</i> 138(10):3247-53 (1987).
C280	Wolowczuk <i>et al.</i> , "Interleukin-7 in the Skin of <i>Schistosoma mansoni</i> -infected Mice is Associated With a Decrease in Interferon- γ Production and Leads to an Aggravation of the Disease," <i>Immunol.</i> , 91(1):35-44 (1997).
C281	Woods <i>et al.</i> , "Loss of Inducible Virus in CD45RA Naive Cells After Human Immunodeficiency Virus-1 Entry Accounts for Preferential Viral Replication in CD45RO Memory Cells," <i>Blood</i> , 89:1635-1641 (1997).
C282	Wu <i>et al.</i> , "CCR5 Levels and Expression Pattern Correlate with Infectability by Macrophage-tropic HIV-1, In Vitro," <i>J. Exp. Med.</i> , 185(9):1681-1691 (1997).
C283	Yamashita <i>et al.</i> , "Increased Levels of Blood Platelet-activating Factor in Bronchial Asthmatic Patients with Active Symptoms," <i>Allergy</i> , 49:60-63 (1994).
C284	Yeh <i>et al.</i> , "Design of Yeast-secreted Albumin Derivatives for Human Therapy: Biological and Antiviral Properties of a Serum Albumin-CD4 Genetic Conjugate," <i>Proc. Natl. Acad. Sci., USA</i> , 89(5):1904-1908 (1992).

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 27866/34810	Serial No. 09/509,165
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>			Applicant Gray, P.W. et al.	Filing Date June 12, 2000

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

C285	Yoshida, T. et al., "Molecular Cloning of N novel C or γ Type Chemokine, SCM-1," <i>FEBS Letters</i> , 360:155-159 (1995).
C286	Yoshimura et al., "Production and Characterization of Mouse Monoclonal Antibodies Against Human Monocyte Chemoattractant Protein-1," <i>J. Immunol.</i> , 147(7):2229-2233 (October, 1991).
C287	Yoshimura, T., "cDNA Cloning of Guinea Pig Monocyte Chemoattractant Protein-1 and Expression of the Recombinant Protein," <i>J. Immunol.</i> , 150(11):5025-5032 (June 1, 1993).
C288	Zarco et al., "Involvement of Platelet-activating Factor and Tumour Necrosis Factor in the Pathogenesis of Joint Inflammation in Rabbits," <i>Clin. Exp. Immunol.</i> , 88:318-323 (1992).

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	